

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Multiple sheets used when necessary)

SHEET 1 OF 1

Application No.	10/663,062
Filing Date	September 15, 2003
First Named Inventor	Jan Mennekens
Art Unit	2664
Examiner	Unknown
Attorney Docket No.	AGILE1.ICIDVI

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US-4,817,146	03/1989	Szczutkowski, et al.	
	2	US-5,606,575	02/1997	Williams	
	3	US-5,812,607	09/1998	Hutchinson, et al.	
	4	US-6,009,325	12/1999	Retzer, et al.	
	5	US-6,122,291	09/2000	Robinson, et al.	
	6	US-6,411,661	06/2002	Nguyen, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>

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Application No.	10/663,062
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<i>PS</i>	1	6,400,314	06/04/2002	Krasner	
	2	6,614,834	09-02-2003	Meng et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>

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Examiner Signature	<i>Renell Jo</i>	Date Considered	<i>5/21/07</i>
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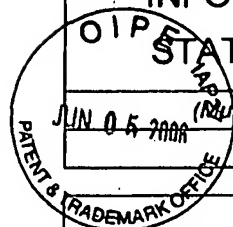
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 3

Application No.	10/663,062
Filing Date	September 15, 2003
First Named Inventor	Mennekens et al.
Art Unit	2616
Examiner	Wellington Chin.
Attorney Docket No.	AGILE1.1C1DVI



## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
PA	1	4,291,409	09/22/1981	Weinberg et al.	
PA	2	4,761,778	08/02/1988	Hui	
PA	3	5,406,570	04/11/1995	Berrou et al.	
PA	4	5,511,067	04/23/1996	Miller	
PA	5	5,675,609	10/07/1997	Johnson	
PA	6	5,734,962	03/31/1998	Hladik et al.	
PA	7	5,742,637	04/21/1998	Kanterakis et al.	
PA	8	5,825,327	10/20/1998	Krasner	
PA	9	5,982,807	11/09/1999	Snell	
PA	10	5,995,537	11/30/1999	Kondo	
PA	11	6,097,974	08/01/2000	Camp Jr. et al.	
PA	12	6,208,292	03/27/2001	Sih et al.	
PA	13	6,208,844	03/27/2001	Abdelgany	
PA	14	2001/0003530 A1	08/14/2001	Sriram et al.	
PA	15	6,252,917	06/26/2001	Freeman	
PA	16	6,272,168	08/07/2001	Lomp et al.	
PA	17	6,282,184	08/28/2001	Lehman et al.	
PA	18	6,307,877	10/23/2001	Philips et al.	
PA	19	6,324,159	11/27/2001	Mennekens et al.	
PA	20	6,351,236	02/26/2002	Hasler	
PA	21	6,359,940	03/19/2002	Ciccarelli et al.	
PA	22	6,370,669	04/09/2002	Eroz et al.	
PA	23	6,373,831	04/16/2002	Secord et al.	
PA	24	2002/0064142 A1	05/30/2002	Antonio et al.	
PA	25	6,480,529	11/12/2002	Sih et al.	
PA	26	6,542,558	04/01/2003	Schulist et al.	
PA	27	6,549,784	04/15/2003	Kostic et al.	
PA	28	6,563,856	05/13/2003	O'Shea et al.	
PA	29	6,597,727	07/22/2003	Philips et al.	

Examiner Signature

Date Considered

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Multiple sheets used when necessary)	Application No.	10/663,062
	Filing Date	September 15, 2003
	First Named Inventor	Mennekens et al.
	Art Unit	2616
	Examiner	Wellington Chin
SHEET 2 OF 3	Attorney Docket No.	AGILE1.1CIDV1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
<i>PC</i>	30	6,748,010	06/08/2004	Butler et al.	
	31	6,898,233	05/24/2005	Philips et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
<i>PC</i>	32	EP 0 511 139 A1	10/28/1992			
	33	EP 0 563 020 A2	09/29/1993			
	34	EP 0 820 159 A2	01/21/1998			
	35	EP 0 928 084 A2	07/07/1999			
	36	WO 96/38993	12/05/1996			
	37	WO 97/14056	04/17/1997			
	38	WO 98/02758	01/22/1998			
	39	FR 2 675 968	10/30/1992			

Examiner Signature <i>Small J</i>	Date Considered <i>5/17/04</i>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Multiple sheets used when necessary)</i>	Application No.	10/663,062
	Filing Date	September 15, 2003
	First Named Inventor	Mennekens et al.
	Art Unit	2616
	Examiner	Wellington Chin
SHEET 3 OF 3	Attorney Docket No.	AGILE1.1C1DV1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
<i>PD</i>	40	Berrou et al., <i>Near Shannon Limit Error - Correcting Coding and Decoding: Turbo-Codes (1)</i> , Proceedings of the ICC93, Geneva, Switzerland, May 23-26, 1993	
<i>PD</i>	41	Corazza et al., <i>Probability of Error in the Return Link of a CDMA Mobile Satellite System</i> , IEEE, pages 1293-1297, 1996	
<i>PD</i>	42	De Gaudenzi, <i>Signal Recognition and Signature Code Acquisition in CDMA Mobile Packet Communications</i> , pages 196-208, IEEE Transactions on Vehicular Technology, Vol. 47, No. 1, 1998	
<i>PD</i>	43	Ojanpera, <i>Wideband CDMA for Third Generation Mobile Communications</i> , Artech House Publishers, 1998, Pages 114-115	
<i>PD</i>	44	Philips et al., <i>A Programmable CDMA IF Transceiver ASIC for Wireless Communications</i> , IEEE 1995 Custom Integrated Circuits Conference	
<i>PD</i>	45	Sirius Communications Press Releases, CDMA: Sirius Announces World's First Software-Configurable W-CDMA Core for Third Generation Wireless Handsets and Base Stations, June 14, 1999, <a href="http://www.sirius.com">www.sirius.com</a>	
<i>PD</i>	46	Van Wyk et al., <i>Performance Tradeoff Among Spreading, Coding and Multiple-Antenna Transmit Diversity for High Capacity Space-Time Coded DS/CDMA</i> , IEEE, 1999	

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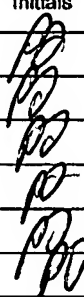
Examiner Signature <i>Wellington Chin</i>	Date Considered <i>5/21/07</i>
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

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PTO/SB/08 Equivalent


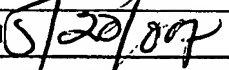
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Multiple sheets used when necessary)</i>	Application No.	10/663,062
	Filing Date	September 15, 2003
	First Named Inventor	Jan Mennekens
	Art Unit	2616
SHEET 1 OF 1	Examiner	Lynn Diana Feild
	Attorney Docket No.	AGILE1.1C1DV1

U.S. PATENT DOCUMENTS					
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	1	US 5,345,472	09/1994	Lee	
	2	US 5,559,828	09/1996	Armstrong, et al.	
	3	US 5,950,127	09/1999	Nitta, et al.	
	4	US 6,081,697	08/2000	Haartsen	
	5	US 6,125,266	09/2000	Matero, et al.	
	6	US 6,580,921	06/2003	Inoue, et al.	

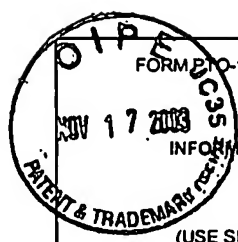
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	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. VANMA84.1C1DV1	APPLICATION NO. 10/663,062
	APPLICANT Mennekens et al.			
	FILING DATE September 15, 2003		GROUP Unknown	

## U.S. PATENT DOCUMENTS

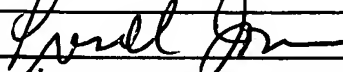
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
PO	1.	5,327,455	07/05/94	De Gaudenzi et al.			
PO	2.	5,327,467	07/05/94	De Gaudenzi et al.			
PO	3.	5,872,810	02/16/99	Philips et al.			
PO	4.	6,108,317	08/22/00	Jones et al.			
PO	5.	6,141,373	10/31/00	Scott			
PO	6.	6,219,341	4/17/01	Varanasi			
PO	7.	6,317,422	11/13/01	Khaleghi et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
PO	8.	0 767 544 A2	04/09/97	Europe			YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
PO	9.	R. De Gaudenzi et al., <i>Bandlimited Quasi-Synchronous CDMA: A Novel Satellite Access Technique for Mobile and Personal Communication Systems</i> , IEEE Journal on Selected Areas in Communication, Vol. 10, No. 2, February 1992
PO	10.	Esmailzadeh, R. et al., "Quasi-synchronous time division duplex CDMA", 1994, IEEE GLOBECOM '94, Vol. 3, pgs. 1637-1641
PO	11.	DaSilva, V. et al., "Performance of orthogonal CDMA codes for quasi-synchronous communication systems", August 1993, Universal Personal Communications, Vol. 2, pgs. 995-999

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EXAMINER 	DATE CONSIDERED 5/16/07
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